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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shuji TERASHIMA et al.
Application No.: 10/575,099
I.A. Filed : October 8, 2004
Examiner: Unknown

: METHOD FOR PREPARING CELL CONCENTRATE AND CELL
COMPOSITION

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants hereby bring the following information to the attention of the Examiner, which includes information cited and discussed in the specification, the International Search Report, and the International Preliminary Examination Report. Copies of the International Search Report (in English and Japanese) and the International Preliminary Examination Report (in English) are also included herein. The Examiner is invited to review these materials to inspect the relevance indicated during international examination with respect to the documents cited therein.

Rubinstein, P., et al., Processing and cryopreservation of
placenta/umbilical cord blood for unrelated bone marrow reconstitution, Proc.

Natl. Acad. Sci., Vol. 92, October 1995, pages 10119-10122; Applicants note that this document is discussed, beginning at page 2, line 9, of the specification;

Tanavde, V.M., et al., Erythrocyte Depletion of Human Umbilical Cord Blood using Dextran Sedimentation, Indian J. Med. Res., Vol. 106, July 1997, pages 16-19; Applicants note that this document is discussed, beginning at page 2, line 9, of the specification;

Armitage, S., et al., Cord Blood Banking: Volume Reduction of Cord Blood Units Using a Semi-Automated Closed System, Bone Marrow Transplantation, Vol. 23, 1999, pages 505-509; Applicants note that this document is discussed, beginning at page 2, line 20, of the specification;

JP 57-83284, which was published on May 25, 1982, together with an English language abstract; Applicants note that this document is discussed, beginning at page 5, line 9, of the specification;

JP 10-201470, which was published on August 4, 1998, together with an English language abstract; Applicants note that this document is discussed, beginning at page 2, line 28, of the specification;

JP 10-137557, which was published on May 26, 1998, together with an English language abstract and English language family member U.S. Patent No. 6,139,757; Applicants note that this document is discussed, beginning at page 2, line 28, of the specification;

JP 11-206875, which was published on August 3, 1999, together with an English language abstract; Applicants note that this document is cited and discussed, beginning at page 2, line 29, of the present application;

JP 11-56351, which was published on March 2, 1999, together with an English language abstract;

WO 98/32840, which was published on July 30, 1998, together with English language family member U.S. Patent No. 6,268,119 B1 to Sumita et al., which issued on July 31, 2001; Applicants note that WO 98/32840 is discussed in the specification, beginning at page 3, line 7;

WO 02/087660, which was published on November 7, 2002, together with English language family member U.S. Patent Application No. 2004/0200775 A1 to Fukuda et al., which was published on October 14, 2004; Applicants note that WO 02/087660 is discussed in the specification, beginning at page 3, line 14;

WO 96/17514, which was published on June 13, 1996, together with English language family member U.S. Patent No. 5,789,147 to Rubinstein et al., which issued on August 4, 1998; and

WO 98/45413, which was published on October 15, 1998.

Copies of the above-noted documents, except for U.S. Patents and U.S. Patent Application Publications, are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicant respectfully requests that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

Further to the 37 C.F.R § 1.98, copies of the U.S. patents and U.S. published patent applications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action on the merits has issued and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary for the consideration of this statement, including any payment under 37 C.F.R. §1.17 (p) to Deposit Account No. 19-0089.

Should there be any questions, the Examiner is invited to contact the undersigned at the below listed telephone number.

Respectfully submitted,
Ryusuke AOYAMA et al.

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FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P29763Application No.
10/575,099

INFORMATION DISCLOSURE STATEMENT

O I P E BY APPLICANT
(Use several sheets if necessary)

SEP 12 2006

OCT 12 2006

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT & TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6 2 6 8 1 1 9	07/31/01	SUMITA et al.			
2004		0 2 0 0 7 7 5	10/14/04	FUKUDA et al.			
		5 7 8 9 1 4 7	08/04/98	RUBINSTEIN et al.			
		6 1 3 9 7 4 7	01/31/00	OHMURA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
57	-	8 3 2 8 4	05/25/82	JAPAN				
10	-	2 0 1 4 7 0	08/04/98	JAPAN				
10	-	1 3 7 5 5 7	05/26/98	JAPAN				
11	-	2 0 6 8 7 5	08/03/99	JAPAN				
11	-	5 6 3 5 1	03/02/99	JAPAN				
98	/	3 2 8 4 0	07/30/98	W.I.P.O				
02	/	0 8 7 6 6 0	11/07/02	W.I.P.O				
96	/	1 7 5 1 4	06/13/96	W.I.P.O				
98	/	4 5 4 1 3	10/15/98	W.I.P.O				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	Rubinstein, P., et al., Processing and cryopreservation of placenta/umbilical cord blood for unrelated bone marrow reconstitution, <u>Proc. Natl. Acad. Sci.</u> , Vol. 92, October 1995, pages 10119-10122.
2	Tanavde, V.M., et al., Erythrocyte Depletion of Human Umbilical Cord Blood using Dextran Sedimentation, <u>Indian J. Med. Res.</u> , Vol. 106, July 1997, pages 16-19.
3	Armitage, S., et al., Cord Blood Banking: Volume Reduction of Cord Blood Units Using a Semi-Automated Closed System, <u>Bone Marrow Transplantation</u> , Vol. 23, 1999, pages 505-509.
4	English language Abstract of JP 57-83284.
5	English language Abstract of JP 10-201470.
6	English language Abstract of JP 10-137557.
7	English language Abstract of JP 11-206875.
8	English language Abstract of JP 11-56351.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.